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NEWS 4 Nov 14 Selective Deletion of L-Numbers Now Available
NEWS 5 Nov 14 SET RANGE works in Multifile Searching
NEWS 6 Nov 14 Use of 1- Now Results in Warning Message
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FILE 'HOME' ENTERED AT 19:19:15 ON 14 NOV 1997

=> file ca, caplus, caold, embase, medline, biosis

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FILE 'CAOLD' ENTERED AT 19:19:29 ON 14 NOV 1997
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FILE 'MEDLINE' ENTERED AT 19:19:29 ON 14 NOV 1997

FILE 'BIOSIS' ENTERED AT 19:19:29 ON 14 NOV 1997
COPYRIGHT (C) 1997 BIOSIS(R)

=> s larser, frank/au

L1 0 FILE CA
L2 0 FILE CAPLUS
'AU' IS NOT A VALID FIELD CODE
L3 0 FILE CAOLD
L4 0 FILE EMBASE
L5 0 FILE MEDLINE
L6 0 FILE BIOSIS

TOTAL FOR ALL FILES

L7 0 LARSER, FRANK/AU

=> s deggerdal, arne ?/au

L8 1 FILE CA
L9 1 FILE CAPLUS
'AU' IS NOT A VALID FIELD CODE
L10 0 FILE CAOLD
L11 0 FILE EMBASE
L12 0 FILE MEDLINE
L13 0 FILE BIOSIS

TOTAL FOR ALL FILES

L14 2 DEGGERDAL, ARNE ?/AU

=> d l14 1-2

L14 ANSWER 1 OF 2 CA COPYRIGHT 1997 ACS
AN 125:107039 CA
TI Isolation of nucleic acid from biological sample, method comprising nucleic acid binding to solid support then separation from support, and kit comprising detergents and other components
IN Deggerdal, Arne Helge; Larsen, Frank
PA Dynal A/s, Norway; Dzieglewska, Hanna Eva
SO PCT Int. Appl., 53 pp.
CODEN: PIXXD2
PI WO 9618731 A2 960620
DS W: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES,
FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU,
LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG,
SI, SK
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR,
IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG
AI WO 95-GB2893 951212
PRAI GB 94-25138 941212
DT Patent
LA English

L14 ANSWER 2 OF 2 CAPLUS COPYRIGHT 1997 ACS
AN 1996:458048 CAPLUS
DN 125:107039

TI Isolation of nucleic acid from biological sample, method comprising nucleic acid binding to solid support then separation from support, and kit comprising detergents and other components

IN Deggerdal, Arne Helge; Larsen, Frank
PA Dynal A/s, Norway; Dzieglewska, Hanna Eva
SO PCT Int. Appl., 53 pp.
CODEN: PIXXD2
PI WO 9618731 A2 960620
DS W: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES,
FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU,
LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG,
SI, SK
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR,
IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG
AI WO 95-GB2893 951212
PRAI GB 94-25138 941212
DT Patent
LA English

=> s dynabead#

L15 143 FILE CA
L16 148 FILE CAPLUS
L17 0 FILE CAOLD
L18 113 FILE EMBASE
L19 117 FILE MEDLINE
L20 135 FILE BIOSIS

TOTAL FOR ALL FILES

L21 656 DYNABEAD#

=> s L21 and DNA

L22 64 FILE CA
L23 66 FILE CAPLUS
L24 0 FILE CAOLD
L25 20 FILE EMBASE
L26 21 FILE MEDLINE
L27 20 FILE BIOSIS

TOTAL FOR ALL FILES

L28 191 L21 AND DNA

=> s dynabead# (P) (DNA(P)purif?)

L29 10 FILE CA
L30 10 FILE CAPLUS
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'DNA(P)PURIF?'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'DYNABEAD# (P) (DNA'
L31 0 FILE CAOLD
L32 4 FILE EMBASE
L33 5 FILE MEDLINE
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'DNA(P)PURIF?'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'DYNABEAD# (P) (DNA'
L34 5 FILE BIOSIS

TOTAL FOR ALL FILES

L35 34 DYNABEAD# (P) (DNA(P) PURIF?)

=> d L35 1-34

L35 ANSWER 1 OF 34 CA COPYRIGHT 1997 ACS
AN 127:186233 CA

TI Magnetic bead purification of specific transcription factors using mutant competitor oligonucleotides
AU Kroeger, Karen M.; Abraham, Lawrence J.
CS Dep. of Biochemistry, University of Western Australia, Nedlands, Australia
SO Anal. Biochem. (1997), 250(1), 127-129
CODEN: ANBCA2; ISSN: 0003-2697
PB Academic
DT Journal
LA English

L35 ANSWER 2 OF 34 CA COPYRIGHT 1997 ACS
AN 126:247240 CA
TI Rapid isolation of PCR-ready DNA from blood, bone marrow and cultured cells, based on paramagnetic beads
AU Deggerdal, Arne; Larsen, Frank
CS Dynal AS, Oslo, N-0212, Norway
SO BioTechniques (1997), 22(3), 554-557
CODEN: BTNQDO; ISSN: 0736-6205
PB Eaton
DT Journal
LA English

L35 ANSWER 3 OF 34 CA COPYRIGHT 1997 ACS
AN 124:252020 CA
TI S1 nuclease protection assay using streptavidin **dynabeads-purified single-stranded DNA**
AU Cammas, Florence M.; Clark, Adrian J. L.
CS Dep. Chem. Endocrinol., St. Bartholomew's Hosp., Med. Coll., London, EC1A 7BE, UK
SO Anal. Biochem. (1996), 236(1), 182-4
CODEN: ANBCA2; ISSN: 0003-2697
DT Journal
LA English

L35 ANSWER 4 OF 34 CA COPYRIGHT 1997 ACS
AN 119:152924 CA
TI Magnetic DNA affinity purification of yeast transcription factor
AU Gabrielsen, Odd S.; Huet, Janine
CS Dep. Biochem., Univ. Oslo, Oslo, N-0316, Norway
SO Methods Enzymol. (1993), 218(Recombinant DNA, Pt. I), 508-25
CODEN: MENZAU; ISSN: 0076-6879
DT Journal
LA English

L35 ANSWER 5 OF 34 CA COPYRIGHT 1997 ACS
AN 119:21405 CA
TI A new approach to template purification for sequencing applications using paramagnetic particles
AU Fry, G.; Lachenmeier, E.; Mayrand, E.; Giusti, B.; Fisher, J.; Johnston-Dow, L.; Cathcart, R.; Finne, E.; Kilaas, L.
CS Appl. Biosyst., Foster City, CA, USA
SO BioTechniques (1992), 13(1), 124-6, 128-31
CODEN: BTNQDO; ISSN: 0736-6205
DT Journal
LA English

L35 ANSWER 6 OF 34 CA COPYRIGHT 1997 ACS
AN 118:208884 CA
TI Magnetic DNA affinity purification of ecdysteroid receptor
AU Ozyhar, Andrzej; Gries, Marion; Kiltz, Hans Hermann; Pongs, Olaf
CS Ruhr-Univ. Bochum, Bochum, Germany
SO J. Steroid Biochem. Mol. Biol. (1992), 43(7), 629-34
CODEN: JSBBEZ; ISSN: 0960-0760
DT Journal

LA English

L35 ANSWER 7 OF 34 CA COPYRIGHT 1997 ACS
AN 118:206135 CA
TI Efficient large-scale sequencing of the Escherichia coli genome:
implementation of a transposon- and PCR-based strategy for the
analysis of ordered .lambda. phage clones
AU Kasai, H.; Isono, S.; Kitakawa, M.; Mineno, J.; Akiyama, H.; Kurnit,
D. M.; Berg, D. E.; Isono, K.
CS Fac. Sci., Kobe Univ., Kobe, 657, Japan
SO Nucleic Acids Res. (1992), 20(24), 6509-15
CODEN: NARHAD; ISSN: 0305-1048
DT Journal
LA English

L35 ANSWER 8 OF 34 CA COPYRIGHT 1997 ACS
AN 117:129702 CA
TI Effects of epidermal Langerhans cell conditioned medium on
keratinocytes: a role of Langerhans cells in cholesteatoma
AU Kamide, Yosuke; Sasaki, Hiroyuki; Abramson, Maxwell; Huang, Cheng
Chun
CS Coll. Physicians Surg., Columbia Univ., New York, NY, USA
SO Am. J. Otolaryngol. (1991), 12(6), 307-15
CODEN: AJOTDP; ISSN: 0196-0709
DT Journal
LA English

L35 ANSWER 9 OF 34 CA COPYRIGHT 1997 ACS
AN 116:122061 CA
TI Magnetic applications in sphere molecular biology
AU Gilmartin, Kara
CS Dynal, Inc., Great Neck, NY, USA
SO Am. Biotechnol. Lab. (1991), 9(10), 38, 40
CODEN: ABLAEY; ISSN: 0749-3223
DT Journal
LA English

L35 ANSWER 10 OF 34 CA COPYRIGHT 1997 ACS
AN 111:190826 CA
TI Magnetic DNA affinity purification of yeast transcription factor
.tau. - a new purification principle for the ultrarapid isolation of
near homogeneous factor
AU Gabrielsen, Odd S.; Hornes, Erik; Korsnes, Lars; Ruet, Anny; Oeyen,
Tordis B.
CS Dep. Biochem., Univ. Oslo, Oslo, 0316, Norway
SO Nucleic Acids Res. (1989), 17(15), 6253-67
CODEN: NARHAD; ISSN: 0305-1048
DT Journal
LA English

L35 ANSWER 11 OF 34 CAPLUS COPYRIGHT 1997 ACS
AN 1997:468708 CAPLUS
DN 127:186233
TI Magnetic bead purification of specific transcription factors using
mutant competitor oligonucleotides
AU Kroeger, Karen M.; Abraham, Lawrence J.
CS Dep. of Biochemistry, University of Western Australia, Nedlands,
Australia
SO Anal. Biochem. (1997), 250(1), 127-129
CODEN: ANBCA2; ISSN: 0003-2697
PB Academic
DT Journal
LA English

L35 ANSWER 12 OF 34 CAPLUS COPYRIGHT 1997 ACS

AN 1997:182023 CAPLUS
DN 126:247240
TI Rapid isolation of PCR-ready DNA from blood, bone marrow and cultured cells, based on paramagnetic beads
AU Deggerdal, Arne; Larsen, Frank
CS Dynal AS, Oslo, N-0212, Norway
SO BioTechniques (1997), 22(3), 554-557
CODEN: BTNQDO; ISSN: 0736-6205
PB Eaton
DT Journal
LA English

L35 ANSWER 13 OF 34 CAPLUS COPYRIGHT 1997 ACS
AN 1996:195412 CAPLUS
DN 124:252020
TI S1 nuclease protection assay using streptavidin **dynabeads-purified** single-stranded DNA
AU Cammas, Florence M.; Clark, Adrian J. L.
CS Dep. Chem. Endocrinol., St. Bartholomew's Hosp., Med. Coll., London, EC1A 7BE, UK
SO Anal. Biochem. (1996), 236(1), 182-4
CODEN: ANBCA2; ISSN: 0003-2697
DT Journal
LA English

L35 ANSWER 14 OF 34 CAPLUS COPYRIGHT 1997 ACS
AN 1993:552924 CAPLUS
DN 119:152924
TI Magnetic DNA affinity purification of yeast transcription factor
AU Gabrielsen, Odd S.; Huet, Janine
CS Dep. Biochem., Univ. Oslo, Oslo, N-0316, Norway
SO Methods Enzymol. (1993), 218(Recombinant DNA, Pt. I), 508-25
CODEN: MENZAU; ISSN: 0076-6879
DT Journal
LA English

L35 ANSWER 15 OF 34 CAPLUS COPYRIGHT 1997 ACS
AN 1993:421405 CAPLUS
DN 119:21405
TI A new approach to template purification for sequencing applications using paramagnetic particles
AU Fry, G.; Lachenmeier, E.; Mayrand, E.; Giusti, B.; Fisher, J.; Johnston-Dow, L.; Cathcart, R.; Finne, E.; Kilaas, L.
CS Appl. Biosyst., Foster City, CA, USA
SO BioTechniques (1992), 13(1), 124-6, 128-31
CODEN: BTNQDO; ISSN: 0736-6205
DT Journal
LA English

L35 ANSWER 16 OF 34 CAPLUS COPYRIGHT 1997 ACS
AN 1993:208884 CAPLUS
DN 118:208884
TI Magnetic DNA affinity purification of ecdysteroid receptor
AU Ozyhar, Andrzej; Gries, Marion; Kiltz, Hans Hermann; Pongs, Olaf
CS Ruhr-Univ. Bochum, Bochum, Germany
SO J. Steroid Biochem. Mol. Biol. (1992), 43(7), 629-34
CODEN: JSBBEZ; ISSN: 0960-0760
DT Journal
LA English

L35 ANSWER 17 OF 34 CAPLUS COPYRIGHT 1997 ACS
AN 1993:206135 CAPLUS
DN 118:206135
TI Efficient large-scale sequencing of the Escherichia coli genome: implementation of a transposon- and PCR-based strategy for the

AU analysis of ordered .lambda. phage clones
AU Kasai, H.; Isono, S.; Kitakawa, M.; Mineno, J.; Akiyama, H.; Kurnit,
D. M.; Berg, D. E.; Isono, K.
CS Fac. Sci., Kobe Univ., Kobe, 657, Japan
SO Nucleic Acids Res. (1992), 20(24), 6509-15
CODEN: NARHAD; ISSN: 0305-1048
DT Journal
LA English

L35 ANSWER 18 OF 34 CAPLUS COPYRIGHT 1997 ACS
AN 1992:529702 CAPLUS
DN 117:129702
TI Effects of epidermal Langerhans cell conditioned medium on
keratinocytes: a role of Langerhans cells in cholesteatoma
AU Kamide, Yosuke; Sasaki, Hiroyuki; Abramson, Maxwell; Huang, Cheng
Chun
CS Coll. Physicians Surg., Columbia Univ., New York, NY, USA
SO Am. J. Otolaryngol. (1991), 12(6), 307-15
CODEN: AJOTDP; ISSN: 0196-0709
DT Journal
LA English

L35 ANSWER 19 OF 34 CAPLUS COPYRIGHT 1997 ACS
AN 1992:122061 CAPLUS
DN 116:122061
TI Magnetic applications in sphere molecular biology
AU Gilmartin, Kara
CS Dynal, Inc., Great Neck, NY, USA
SO Am. Biotechnol. Lab. (1991), 9(10), 38, 40
CODEN: ABLAEY; ISSN: 0749-3223
DT Journal
LA English

L35 ANSWER 20 OF 34 CAPLUS COPYRIGHT 1997 ACS
AN 1989:590826 CAPLUS
DN 111:190826
TI Magnetic DNA affinity purification of yeast transcription factor
.tau. - a new purification principle for the ultrarapid isolation of
near homogeneous factor
AU Gabrielsen, Odd S.; Hornes, Erik; Korsnes, Lars; Ruet, Anny; Oeyen,
Tordis B.
CS Dep. Biochem., Univ. Oslo, Oslo, 0316, Norway
SO Nucleic Acids Res. (1989), 17(15), 6253-67
CODEN: NARHAD; ISSN: 0305-1048
DT Journal
LA English

L35 ANSWER 21 OF 34 EMBASE COPYRIGHT 1997 ELSEVIER SCI. B.V.
AN 96105667 EMBASE
TI S1 nuclease protection assay using streptavidin **dynabeads**-
purified single-stranded DNA.
AU Cammas F.M.; Clark A.J.L.
CS Department of Chemical Endocrinology, Medical College, St
Bartholomew's Hospital, West Smithfield, London EC1A 7BE, United
Kingdom
SO Analytical Biochemistry, (1996) 236/1 (182-184).
ISSN: 0003-2697 CODEN: ANBCA2
CY United States
DT Journal
FS 022 Human Genetics
029 Clinical Biochemistry
LA English

L35 ANSWER 22 OF 34 EMBASE COPYRIGHT 1997 ELSEVIER SCI. B.V.
AN 93052669 EMBASE

TI Efficient large-scale sequencing of the Escherichia coli genome:
Implementation of a transposon- and PCR-based strategy for the
analysis of ordered .lambda. phage clones.
AU Kasai H.; Isono S.; Kitakawa M.; Mineno J.; Akiyama H.; Kurnit D.M.;
Berg D.E.; Isono K.
CS Department of Biology, Faculty of Science, Kobe University,
Rokkodai, Kobe 657, Japan
SO NUCLEIC ACIDS RES., (1992) 20/24 (6509-6515).
ISSN: 0305-1048 CODEN: NARHAD
CY United Kingdom
DT Journal
FS 004 Microbiology
022 Human Genetics
LA English
SL English

L35 ANSWER 23 OF 34 EMBASE COPYRIGHT 1997 ELSEVIER SCI. B.V.
AN 93002494 EMBASE
TI Magnetic DNA affinity purification of ecdysteroid receptor.
AU Ozyhar A.; Gries M.; Kiltz H.-H.; Pongs O.
CS Technical University, Inst. of Organic/Physical Chemistry, Wybrzeze
Wyspianskiego 27, 50 370 Wroclaw, Poland
SO J. STEROID BIOCHEM. MOL. BIOL., (1992) 43/7 (629-634).
ISSN: 0960-0760 CODEN: JSBBEZ
CY United Kingdom
DT Journal
FS 003 Endocrinology
021 Developmental Biology and Teratology
029 Clinical Biochemistry
037 Drug Literature Index
LA English
SL English

L35 ANSWER 24 OF 34 EMBASE COPYRIGHT 1997 ELSEVIER SCI. B.V.
AN 92154736 EMBASE
TI Effects of epidermal Langerhans cell's conditioned medium on
keratinocytes: A role of Langerhans cells in cholesteatoma.
AU Kamide Y.; Sasaki H.; Abramson M.; Huang C.-C.
CS Department of Otolaryngology, College of Physicians and Surgeons,
Columbia University, 630 W 168th Street, New York, NY 10032, United
States
SO AM. J. OTOLARYNGOL. HEAD NECK MED. SURG., (1992) 12/6 (307-315).
ISSN: 0196-0709 CODEN: AJOTDP
CY United States
DT Journal
FS 005 General Pathology and Pathological Anatomy
011 Otorhinolaryngology
026 Immunology, Serology and Transplantation
029 Clinical Biochemistry
LA English
SL English

L35 ANSWER 25 OF 34 MEDLINE
AN 96224158 MEDLINE
TI S1 nuclease protection assay using streptavidin **dynabeads**-
purified single-stranded DNA.
AU Cammas F M; Clark A J
CS Department of Chemical Endocrinology, St. Bartholomew's Hospital,
Medical College, London, United Kingdom.
SO ANALYTICAL BIOCHEMISTRY, (1996 Apr 5) 236 (1) 182-4.
Journal code: 4NK. ISSN: 0003-2697.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals

EM 9608

L35 ANSWER 26 OF 34 MEDLINE
AN 93126091 MEDLINE
TI Efficient large-scale sequencing of the Escherichia coli genome: implementation of a transposon- and PCR-based strategy for the analysis of ordered lambda phage clones.
AU Kasai H; Isono S; Kitakawa M; Mineno J; Akiyama H; Kurnit D M; Berg D E; Isono K
CS Postgraduate School, Faculty of Science, Kobe University, Japan..
NC HG-000563 (NCHGR)
SO NUCLEIC ACIDS RESEARCH, (1992 Dec 25) 20 (24) 6509-15.
Journal code: O8L. ISSN: 0305-1048.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 9304

L35 ANSWER 27 OF 34 MEDLINE
AN 93112543 MEDLINE
TI Magnetic DNA affinity purification of ecdysteroid receptor.
AU Ozyhar A; Gries M; Kiltz H H; Pongs O
CS Ruhr-Universitat Bochum, Lehrstuhl fur Biochemie, Bochum, Germany..
SO JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY, (1992 Dec) 43 (7) 629-34.
Journal code: AX4. ISSN: 0960-0760.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 9304

L35 ANSWER 28 OF 34 MEDLINE
AN 92254968 MEDLINE
TI Effects of epidermal Langerhans cell's conditioned medium on keratinocytes: a role of Langerhans cells in cholesteatoma.
AU Kamide Y; Sasaki H; Abramson M; Huang C C
CS Department of Otolaryngology, College of Physicians and Surgeons, Columbia University, New York, NY 10032..
SO AMERICAN JOURNAL OF OTOLARYNGOLOGY, (1991 Nov-Dec) 12 (6) 307-15.
Journal code: 32W. ISSN: 0196-0709.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 9208

L35 ANSWER 29 OF 34 MEDLINE
AN 89366655 MEDLINE
TI Magnetic DNA affinity purification of yeast transcription factor tau--a new purification principle for the ultrarapid isolation of near homogeneous factor.
AU Gabrielsen O S; Hornes E; Korsnes L; Ruet A; Oyen T B
CS Department of Biochemistry, University of Oslo, Norway.
SO NUCLEIC ACIDS RESEARCH, (1989 Aug 11) 17 (15) 6253-67.
Journal code: O8L. ISSN: 0305-1048.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 8912

L35 ANSWER 30 OF 34 BIOSIS COPYRIGHT 1997 BIOSIS
AN 96:218549 BIOSIS

DN 98774678
TI S1 nuclease protection assay using streptavidin **dynabeads-purified** single-stranded DNA.
AU Cammas F M; Clark A J L
CS Dep. Chem. Endocrinol., St. Bartholomew's Hosp., Med. Coll., West Smithfield, London EC1A 7BE, UK
SO Analytical Biochemistry 236 (1). 1996. 182-184. ISSN: 0003-2697
LA English

L35 ANSWER 31 OF 34 BIOSIS COPYRIGHT 1997 BIOSIS
AN 96:182464 BIOSIS
DN 98738593
TI IL-12 gene expression in human skin-derived CD1a+ dendritic lymph cells.
AU Yawalkar N; Brand C U; Braathen L R
CS Dermatological Clinic, Univ. Berne, Inselspital, 3010 Berne, Switzerland
SO Archives of Dermatological Research 288 (2). 1996. 79-84. ISSN: 0340-3696
LA English

L35 ANSWER 32 OF 34 BIOSIS COPYRIGHT 1997 BIOSIS
AN 93:164173 BIOSIS
DN BA95:85223
TI EFFICIENT LARGE-SCALE SEQUENCING OF THE ESCHERICHIA-COLI GENOME IMPLEMENTATION OF A TRANSPOSON AND PCR-BASED STRATEGY FOR THE ANALYSIS OF ORDERED LAMBDA PHAGE CLONES.
AU KASAI H; ISONO S; KITAKAWA M; MINENO J; AKIYAMA H; KURNIT D M; BERG D E; ISONO K
CS DEP. BIOL., FAC. SCI., KOBE UNIV., ROKKODAI, KOBE 657, JPN.
SO NUCLEIC ACIDS RES 20 (24). 1992. 6509-6515. CODEN: NARHAD ISSN: 0305-1048
LA English

L35 ANSWER 33 OF 34 BIOSIS COPYRIGHT 1997 BIOSIS
AN 93:118720 BIOSIS
DN BA95:62820
TI MAGNETIC DNA AFFINITY PURIFICATION OF ECDYSTEROID RECEPTOR.
AU OZYHAR A; GRIES M; KILTZ H-H; PONGS O
CS TECHNICAL UNIV. WROCLAW, INST. ORGANIC PHYSICAL CHEMISTRY, DIV. BIOCHEMISTRY, WYBRZEZE WYSPIANSKIEGO 27, 50 370 WROCLAW, POLAND.
SO J STEROID BIOCHEM MOL BIOL 43 (7). 1992. 629-634. CODEN: JSBBEZ ISSN: 0960-0760
LA English

L35 ANSWER 34 OF 34 BIOSIS COPYRIGHT 1997 BIOSIS
AN 89:447611 BIOSIS
DN BA88:95883
TI MAGNETIC DNA AFFINITY PURIFICATION OF YEAST TRANSCRIPTION FACTOR TAU A NEW PURIFICATION PRINCIPLE FOR THE ULTRARAPID ISOLATION OF NEAR HOMOGENEOUS FACTOR.
AU GABRIELSEN O S; HORNES E; KORSNES L; RUET A; OYEN T B
CS DEP. BIOCHEMISTRY, UNIV. OSLO, P.O. BOX 1041, BLINDERN, 0316 OSLO 3, NORWAY.
SO NUCLEIC ACIDS RES 17 (15). 1989. 6253-6268. CODEN: NARHAD ISSN: 0305-1048
LA English

=> d
L35 34 ab, kwic

L35 ANSWER 34 OF 34 BIOSIS COPYRIGHT 1997 BIOSIS
AB We present a new method for rapid **purification** to near

homogeneity of sequence specific **DNA** binding proteins based on magnetic separation. The method is described for the **purification** of the yeast transcription factor .tau..

DNA affinity Dynabeads (monodisperse

superparamagnetic particles) specifically bind the protein in the presence of competitor **DNA**. By magnetic separation, wash and elution, highly enriched transcription factor preparations are obtained within minutes. In less than an hour with three cycles of adsorption, nearly homogeneous factor .tau. was obtained. The factor preparation contained mainly two polypeptides of 100 and 140 kDa and was fully active in transcription and **DNA** binding assays.

This procedure should work for any high-affinity sequence-specific **DNA** binding protein only minor modifications.

TI MAGNETIC DNA AFFINITY PURIFICATION OF YEAST TRANSCRIPTION FACTOR TAU A NEW PURIFICATION PRINCIPLE FOR THE ULTRARAPID ISOLATION OF NEAR HOMOGENEOUS FACTOR.

AB We present a new method for rapid **purification** to near homogeneity of sequence specific **DNA** binding proteins based on magnetic separation. The method is described for the **purification** of the yeast transcription factor .tau..

DNA affinity Dynabeads (monodisperse

superparamagnetic particles) specifically bind the protein in the presence of competitor **DNA**. By magnetic separation, wash and elution, highly enriched transcription factor preparations are obtained within minutes. In less than an hour. . . obtained. The factor preparation contained mainly two polypeptides of 100 and 140 kDa and was fully active in transcription and **DNA** binding assays. This procedure should work for any high-affinity sequence-specific **DNA** binding protein only minor modifications.

ST SACCHAROMYCES-CEREVISIAE DNA-BINDING PROTEINS

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	57.03	57.18

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FILE 'USPAT' ENTERED AT 19:19:36 ON 14 NOV 1997

* U. S. P A T E N T T E X T F I L E *

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=> s larser, frank/in
L1 0 LARSER, FRANK/IN

=> s deggerdal, arne helge/in
L2 0 DEGGERDAL, ARNE HELGE/IN

=> s woodward, daniel/in
L3 0 WOODWARD, DANIEL/IN

=> e woodard

E#	FILE	FREQUENCY	TERM
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E1	USPAT	11	WOODALE/BI
E2	USPAT	94	WOODALL/BI
E3	USPAT	142	--> WOODARD/BI
E4	USPAT	1	WOODARTICLE/BI
E5	USPAT	1	WOODASH/BI
E6	USPAT	1	WOODATTACKING/BI
E7	USPAT	1	WOODBAR/BI
E8	USPAT	6	WOODBARK/BI
E9	USPAT	1	WOODBARKING/BI
E10	USPAT	10	WOODBASE/BI
E11	USPAT	9	WOODBASED/BI
E12	USPAT	1	WOODBASIS/BI

=> s woodard, daniel/in
L4 0 WOODARD, DANIEL/IN

=> s woodard, daniel ?/in
L5 22 WOODARD, DANIEL ?/IN

=> d L5 1-22

1. 5,674,997, Oct. 7, 1997, DNA purification on modified silicates;
Daniel Lee Woodard, et al., 536/25.4; 435/91.1 :IMAGE AVAILABLE:

2. 5,650,506, Jul. 22, 1997, Modified glass fiber membranes useful for
DNA purification by solid phase extraction; **Daniel Lee Woodard, et
al., 536/25.4; 210/500.23, 500.26, 503, 626, 658; 501/35; 502/407, 408,
411; 536/25.41, 25.42 :IMAGE AVAILABLE:**

3. 5,625,054, Apr. 29, 1997, DNA purification by solid phase extraction
using fluorinated celite; **Daniel L. Woodard, et al., 536/25.4;
252/302, 315.5, 315.6, 315.7; 423/2, 118.1, 325, 341, 495, 620; 502/407,
408, 412, 414; 536/25.41, 25.42 :IMAGE AVAILABLE:**

4. 5,620,869, Apr. 15, 1997, Methods for reducing inhibition of nucleic
acid amplification reactions; **Daniel L. Woodard, et al., 435/91.1, 5,
6, 91.2; 536/24.3, 24.32, 24.33 :IMAGE AVAILABLE:**

5. 5,616,701, Apr. 1, 1997, DNA purification by solid phase extraction
using a hydroxide-washed glass fiber membrane; **Daniel L. Woodard, et
al., 536/25.4; 210/500.23, 500.26, 503, 656, 658; 501/35; 502/407, 408,
411; 536/25.41, 25.42 :IMAGE AVAILABLE:**

6. 5,610,291, Mar. 11, 1997, Glass fiber membranes modified by treatment
with SiCl₄.sub.4, AlCl₃.sub.3 or BC₂O₃.sub.3 and washing with NaOH to set as

a DNA Adsorbant; **Daniel L. Woodard**, et al., 536/25.4; 210/500.23, 500.26, 503, 656, 658; 501/35; 502/407, 408, 411; 536/25.41, 25.42 :IMAGE AVAILABLE:

7. 5,610,290, Mar. 11, 1997, DNA purification by solid phase extraction using glass fiber membrane previously treated with trifluoroacetic acid, and then with fluoride ion, hydroxide ion, or Bcl.sub.3; **Daniel L. Woodard**, et al., 536/25.4; 210/500.23, 500.26, 503, 656, 658; 501/35; 502/407, 408, 411; 536/25.41, 25.42 :IMAGE AVAILABLE:

8. 5,606,046, Feb. 25, 1997, DNA purification by solid phase extraction using trifluorometric acid washed glass fiber membranes; **Daniel L. Woodard**, et al., 536/25.4; 210/500.23, 500.26, 503, 656, 658; 435/270; 501/35; 502/407, 408, 411; 536/25.41, 25.42 :IMAGE AVAILABLE:

9. 5,583,217, Dec. 10, 1996, Fluorogenic and chromogenic .beta.-lactamase substrates; J. Michael Quante, et al., 540/225, 222, 227 :IMAGE AVAILABLE:

10. 5,534,054, Jul. 9, 1996, Silicon tetrahydrazide for purification of DNA; **Daniel L. Woodard**, et al., 106/287.11; 435/91.1, 975; 536/25.4 :IMAGE AVAILABLE:

11. 5,525,319, Jun. 11, 1996, Boron silicates, aluminum silicates, and phosphosilicates for purification of DNA; **Daniel L. Woodard**, et al., 423/277, 304, 325 :IMAGE AVAILABLE:

12. 5,523,392, Jun. 4, 1996, Purification of DNA on aluminum silicates, and phosphosilicates; **Daniel L. Woodard**, et al., 536/25.4; 435/91.1 :IMAGE AVAILABLE:

13. 5,520,899, May 28, 1996, Process for preparing boron, aluminum, and phosphorus silicates for purification of DNA; **Daniel L. Woodard**, et al., 423/277, 304, 328.1 :IMAGE AVAILABLE:

14. 5,516,902, May 14, 1996, Process for preparing cephalosporin compounds; J. Michael Quante, et al., 540/222 :IMAGE AVAILABLE:

15. 5,514,561, May 7, 1996, Fluorogenic and chromogenic .beta.-lactamase substrates; J. Michael Quante, et al., 435/18, 4, 47, 49, 174, 177, 810; 514/201, 202; 540/221, 222 :IMAGE AVAILABLE:

16. 5,503,816, Apr. 2, 1996, Silicate compounds for DNA purification; **Daniel L. Woodard**, et al., 423/304, 325, 328.1, 344; 536/25.4 :IMAGE AVAILABLE:

17. 5,438,129, Aug. 1, 1995, DNA purification by solid phase extraction using partially fluorinated aluminum hydroxide adsorbant; **Daniel L. Woodard**, et al., 536/25.4; 252/302, 315.5, 315.6, 315.7; 423/2, 118.1, 325, 335, 341, 343, 495, 629; 502/407, 408, 412, 414; 536/25.41, 25.42 :IMAGE AVAILABLE:

18. 5,438,127, Aug. 1, 1995, DNA purification by solid phase extraction using a PCl.sub.3 modified glass fiber membrane; **Daniel L. Woodard**, et al., 536/25.4; 210/500.23, 500.26, 503, 656, 658; 501/35; 502/407, 408, 411; 536/25.41, 25.42 :IMAGE AVAILABLE:

19. 5,405,951, Apr. 11, 1995, Solid phase extraction purification of DNA; **Daniel L. Woodard**, 536/25.41, 25.4 :IMAGE AVAILABLE:

20. 5,342,931, Aug. 30, 1994, Process for purifying DNA on hydrated silica; **Daniel L. Woodard**, et al., 536/25.4; 435/6, 274; 935/19
:IMAGE AVAILABLE:

21. 5,338,843, Aug. 16, 1994, Fluorogenic and chromogenic .beta.-lactamase substrates; J. Michael Quante, et al., 540/222; 435/18
:IMAGE AVAILABLE:

22. 5,329,000, Jul. 12, 1994, Purification of DNA with silicon tetrahydrazide; **Daniel L. Woodard**, et al., 536/25.4; 435/6, 274; 935/19, 20 :IMAGE AVAILABLE:

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